Possum Kingdom Lake Spillway Pump and Piping

Presented by
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Upper Basin Regional Manager

Meeting Date: October 26, 2020
Spillway Pump & Piping

• Spillway piping runs beneath the Morris Sheppard Dam spillway.

• Pressurized water is forced into the gate chamber to raise the gate during low lake elevations.
Spillway Pump & Piping

• The spillway pump is needed to provide pressurized water to the gate chambers.

• Utilized to lift gates when the lake level is below approximately 995 msl.
Background and Objective

• KCI Technologies, Inc. was selected to provide engineering services.
• Project will result in new piping beneath the spillway.
• Installation of refurbished or new pump
• Project will retain ability to provide water to the TPWD Hatchery for their operations.
• A successful project will allow the BRA to test or maintain gates at low reservoir elevations.
The following resolution is presented for consideration to the Board of Directors of the Brazos River Authority for adoption at its October 26, 2020 meeting:

“BE IT RESOLVED that the Board of Directors of the Brazos River Authority hereby authorizes the General Manager/CEO to negotiate and execute a contract with KCI Technologies, Inc. to provide engineering services for the Possum Kingdom Lake Spillway Pump and Piping Project in an amount not to exceed $762,000; and,

BE IT FURTHER RESOLVED that the Board of Directors of the Brazos River Authority hereby authorizes the General Manager/CEO to execute an Interlocal Agreement with the Texas Parks and Wildlife Department to facilitate this project.”